The Atchison, Topeka & Santa Fe Railway Co.

Coast Lines

VALLEY

AND

SAN FRANCISCO TERMINAL DIVISIONS

EMPLOYES' TIME TABLE No. 61

IN EFFECT

SUNDAY, JANUARY 6, 1929,

AT 12:01 O'CLOCK A. M.

PACIFIC STANDARD TIME

Superseding Time Table No. 60, Dated July 1, 1928, and any Supplements thereto.

This Time Table is for the Government and Information of Employes of this Company only.

W. K. ETTER,
GENERAL MANAGER,
Los Angeles, Cal.

C. G. FLUHR,
SUPERINTENDENT,
Valley Division,
Fresno, Cal.

J. A. CHRISTIE,
SUPERINTENDENT,
San Francisco Terminal Division,
San Francisco, Cal.

E. W. TERRY,
TRAINMASTER,
San Francisco Terminal Division,
Richmond, Cal.

V. J. IMHOFF,
CHIEF DISPATCHER

W. A. BUCKNER,
NIGHT CHIEF DISPATCHER,
Fresno, Cal.

F. J. MacKIE
ACTING ASST. GENERAL
MANAGER
Los Angeles, Cal.

P. W. DOANE,
H. H. TISDALE,
TRAINMASTERS,
Valley Division,
Fresno, Cal.

J. D. SUTHERLAND,
J. H. ZIESKE,
J. L. HARTZELL,
A. C. HARGIS,

S. A. WYSONG,
H. HOLDER,
P. W. ARCHIBALD,
E. M. TAYLOR

DISPATCHERS, Fresno, Cal.

ALL DISTRICTS

1. A copy of the book entitled, "The Atchison, Topeka & Santa Fe Railway System Rules and Regulations of the Operating Department," dated 1927, and of the book, "Rules and Regulations for the Maintenance of Way and Structures," must be in the hands of all employes whose duties are in any way prescribed thereby.

2. Rule S-72: Except as otherwise provided, all eastward trains are superior to westward trains of the same class.

3. The number of tons shown by rate sheet as ordinary rating for engines is based on the maximum grade; but between points where grades and other conditions are favorable more cars can frequently be hauled, and conductors are required to fill out trains to car limit or to full capacity of their engines.

4. Rule 1 (B): Standard clocks are located at Bakersfield (Yard Office and Round House), Corcoran, Reedley, Calwa (Station and Round House), Fresno, Riverbank, Mormon, Richmond, and Ferry Point.

5. Rule 5: At stations named below, schedule time and train orders apply at switch where opposing train enters siding.

First-class trains must not pass the point where traffic is received or discharged before time shown in schedule.

Tulare, siding west of depot.

Empire, siding west of depot.

6. Rule 88: At following stations the designated switches are "heading-in" points for trains which are required to take siding and train holding main track will remain clear until opposing train shall have cleared.

Corcoran (Eastward trains only), Crossover switch west of water tank.

Hanford, the siding west of S. P. crossing.

Calwa, trains entering yard from Visalia district will use Eastward main track to first switch west of double-track junction.

Merced (Westward first-class trains only), Crossover switch east of depot.

Riverbank (Westward first-class trains only), Lead or siding switch opposite car repair shed.

Stockton (Westward trains), Crossover switch west of depot.

Glen Frazer; Westward trains taking siding will use the south siding and Eastward trains, the north siding.

Christie and Gateley; Westward trains taking siding will use the north siding and Eastward trains the south siding.

Visalia (Westward trains), East switch to house track.

7. Rule 10 (A): Permanent slow boards are located 1500 feet in advance of curves, bridges, or other points where speed of trains is permanently restricted. Where two or more restricted areas are close together but one board will be used, it being understood that the speed indicated thereon applies until the "green" board is passed.

8. Rule 17: In addition to the provisions thereof, trains on siding at night must not display headlight until rear of train on the main track has passed.

Electric headlights must be dimmed:

(a) At meeting points by trains on main track after switch has been lined for opposing train to enter siding, as prescribed by Rule S-89 (A).

(b) Approaching another train in the act of receiving or discharging passengers.

(c) On double track as may be expedient, when trains are approaching from opposite direction.

9. Rule 82 (A): Bulletin boards and books are located at Bakersfield, Corcoran, Calwa, Ducor, Cutler, Reedley, Riverbank, Stockton, Antioch, Richmond, Ferry Point, Oakland, and San Francisco.

10. Rules 83 (A) and 343: At register stations, conductors must personally register their train, unless relieved therefrom by Form T train order, except as provided below.

At Bakersfield, a Southern Pacific register will be maintained by the operators which will contain the same information indicated on the register at Kern Jct. and will be used to comply with S. P. Rule 83-C, but must not be used for registration.

At Oil Junction, No. 10 may register by Form 903 and need not check register.

At Corcoran, first-class trains; except those originating and terminating, may register by Form 903 and need not check register.

At Calwa, Nos. 2, 9, 10, 22, and 32 may register by Form 903 and need not check register.

At Fresno, Corcoran, Visalia, Cutler, and Stockton, extra trains (except those originating and terminating) need not register, but will check register for opposing trains, unless such trains have been met on single track or their arrival indicated on register previously checked.

At Richmond first-class trains may register by Form 903, but must check register against opposing superior trains unless given Form "T" train order.

11. Rule 86 is amended as follows: Within automatic block signal territory, except when signals are inoperative, an inferior train must clear a first-class train, or a superior train created by Example (3) of Form G train order, in the same direction, not less than five minutes and must clear the block sufficiently to prevent delay.

12. Rule 93: Yard limits are located at Kern Junction-Bakersfield-Landco-Oil Junction; Oil Junction-Oil City; Lindsay, Porterville, Corcoran, Hanford, Visalia, Cutler-Wyeth; Reedley, Piedra, Calwa-Fresno-Hammond; Merced, Riverbank-Oakdale; Stockton-Mormon; Antioch, Pittsburg, Bay Point, Richmond-Ferry Point; and Oakland.

Rule 711: At following stations, between limits described, all trains and engines will move governed by automatic and/or interlocking signals, whose indications are superior to class and direction:

Kern Junction-Bakersfield-Landco-Oil Junction: Between Kern Junction tower, Signal 8894 west of Landco on First District and Oil Junction on the Porterville District.

At Bakersfield, westward extra trains may accept hand signal from Yardmaster or his Assistant to cross over and enter yard, but signal must not be given unless movement protected against eastward first-class trains.

Calwa-Fresno-Hammond: Between Signal No. 9931 east of Calwa, Signal No. 681 on the Visalia District and Signal No. 10002 at west end of Hammond.

Richmond-Ferry Point: Between Signal 11881 at east end of Richmond yard Third District, Signal No. 12 on Oakland District, and Ferry Point.

Westward trains finding Signal 11881 in "Stop" position must stop and may at once proceed at restricted speed. This modifies Rule 830 (a).

13. Rule 97: Extra trains, the conductors and enginemen of which have been furnished clearance card, Form 902, numbered and OK'd by the train dispatcher and orders designated thereon, are authorized to move with the current of traffic on double track from a district terminal to a district terminal or from an intermediate station to a district terminal without Form G train order, but if provision has been made for the use of a section of double track as single track no extra train may move over such section in either direction without having an order Form G. A Form G order will be required for all short movements between intermediate stations.

14. Rule 103: In addition to the provisions thereof, cars must not be cut off upon grades depending upon air or hand brakes to hold them, but must be placed with the engine.

15. Rule 210: In addition to the provisions thereof, no train will leave its initial station on any District, except westward trains at Kern Jct. and where the office is closed or not maintained, without receiving clearance card, Form 902, numbered and OK'd by the train dispatcher.

Bakersfield is the initial station for all trains on First District.

No train will leave Richmond, Oil Junction, or Ducor (except when operator not on duty), (except Nos. 37, 45, 47, 49, 21, 41, 9, 5, 321, 341, 309, and 305 at Richmond), without receiving clearance card.

At Fresno, first-class trains must get clearance, Form 902, other than first-class trains will not be required to get clearance. All trains must secure clearance card, Form 902, before passing Fresno tower when enroute to Fresno interurban district.

At Calwa, Nos. 2, 9, 10, 22, and 32 need not get clearance card, Form 902, if train order signal indicates clear.

16. Rule 221: The second paragraph abrogated.

Rule 221 (A) applies only to trains taking siding at stations where the train order signal is located between the siding switches.

17. The use of retainers on trains descending grades will be left to the judgment of conductors and enginemen.

When retainers are used on a freight train, speed of such train must not exceed twenty miles per hour.

18. Rule 310: Following is list of structures:

Mile Post	Location	Description
1096.7	Bridge A-1097	Truss Bridge
1166.4	Bridge Ab-1167	S. P. Bridge
1166.5	Bridge Ac-1167	Highway Bridge
1169.3	Bridge Ba-1170	Highway Bridge
1170.2	Between Vine Hill and Muir	Tunnel No. 1
1171.0	Between Muir and Glen Frazer	Tunnel No. 2
1173.6	Between Glen Frazer and Christie	Tunnel No. 3
1181.0	Between Herpoco and Pinole	Tunnel No. 4
1190.5	Between Richmond Ave. and Ferry Point	Tunnel No. 5

19. Rule 314: No freight train will run more than fifty miles without stop for inspection.

20. Rule 356:

California: Civil Code, Section 2188, provides—

"A passenger who refuses to pay his fare or conform to any lawful regulations of the carrier may be ejected from the vehicle by the carrier. But this must be done with as little violence as possible, and at any usual stopping place or near some dwelling house."

Section 487 provides—

"If any passenger refuses to pay his fare or to exhibit or surrender his ticket when respectfully requested so to do, the conductor and employes of the corporation may put him and his baggage out of the cars, using no unnecessary force, at any usual stopping place, or near any dwelling house, on stopping the train."

21. Rule 382: Employes traveling on business of the Company and surgeons of the Hospital Association traveling on business of the Company or the Association, may be carried on freight trains to and from any station.

22. Rule 391: Standard thermometers are located at Oakland, Richmond, Stockton, Riverbank, Fresno, Calwa, and Bakersfield. Conductors of trains having perishable freight will be governed by instructions contained in SFRD circular 2-I supplements thereto, and special bulletins with respect to handling ventilators.

23. The speed of passenger trains will ordinarily be that prescribed in the schedule; but in cases of delay, requiring greater speed in order to enable trains to make meeting points, or to secure connections, the speed may be so moderately increased above that prescribed in the schedule as, in the judgment of the conductor and engineman in charge of the train, may be safe and prudent, due consideration being always given to condition of track and all the circumstances.

Enginemen of trains in which are dining or cafe cars will, during meal hours, regulate speed and manipulate air, rounding curves and making station stops so that train will move smoothly, without jar and train conductors must observe that this is done.

Maximum speed of passenger trains, thirty miles per hour, freight trains, twenty miles per hour over switches and frogs entering or leaving turnouts at double track junctions not otherwise restricted. Maximum speed of all trains entering or leaving all other turnouts and crossovers, ten miles per hour.

Trains moving against the current of traffic on double track will reduce speed to twenty (20) miles per hour around sharp curves and where view is obscure, and use whistle freely.

Trains handling wrecking derricks, steam shovels or pile-drivers, must not exceed twenty-four miles per hour (one mile in two minutes, 30 seconds) on any portion of the First, Second, Third, and Visalia Districts, and fifteen miles per hour (one mile in four minutes) on all other Districts.

Trains having dead engines in tow must observe the following speed:

If dead engine has rods down or disconnected with one pair of drivers "swung" or suspended off rail, 10 miles per hour (six minutes for each and every mile).

With rods down or disconnected but with all drivers on rail, 15 miles per hour (four minutes for each mile).

With all rods up and connected, 20 miles per hour (three minutes for each mile).

MAXIMUM SPEED FOR ENGINES IN MINUTES AND SECONDS PER MILE

CLASS	Service: Passenger		Freight and Mixed		Light	
	Min.	Sec.	Min.	Sec.	Min.	Sec.
308–332	1	43	1	43	1	43
439–453	1	12	1	20	1	30
464–467	1	43	1	43	1	43
468–502	0	51	1	20	1	30
649–728	1	43	1	43	1	43
769–788	1	43	1	43	1	43
789–824	1	43	1	43	1	43
825–864	1	43	1	43	1	43
900–989	1	43	1	43	1	43
990–999	1	43	1	43	1	43
1200–1225	0	51	1	20	1	30
1226–1266	0	51	1	20	1	30
1270–1289	0	51	1	20	1	30
1297–1308	0	51	1	20	1	30
1309–1388	0	51	1	20	1	30
1400–1478	0	51	1	20	1	30
3500–3534	0	51	1	20	1	30
1950–1991	1	43	1	43	1	43
Switch, no truck					3	00
All Other Classes			1	43	1	43
All Classes, backing up					3	00

A tolerance of ten (10) per cent is allowed on the above excepting engines whose maximum is 70 miles per hour (one mile in 51 seconds).

MAXIMUM SPEED FOR TRAINS IN MINUTES AND SECONDS PER MILE

LOCATION	Passenger		Freight and Mixed		Light	
	Min.	Sec.	Min.	Sec.	Min.	Sec.
FIRST DISTRICT						
Between Bakersfield and Kern Jct.	3	0	3	0	3	0
Through city limits, Hanford	7	30	7	30	7	30
Between Stoil and Alpaugh and between Laton and Lanare	2	30	2	30	2	30
VISALIA DISTRICT						
Through city limits, Tulare	4	0	4	0	4	0
Through city limits, Visalia	4	0	4	0	4	0
Through city limits, Reedley	4	0	4	0	4	0
Through Parlier and Del Rey	2	30	2	30	2	30
Freight trains between Visalia and Corcoran	2	00	2	00	2	00
PORTERVILLE-OROSI DISTRICT						
Between Minkler and Wyeth	2	24	2	24	2	24
Between Cutler and Wyeth	3	0	3	0	3	0
Between Wyeth and Lindsay	1	12	2	0	2	0
Between Lindsay and Ducor	1	20	2	0	2	0
Through city limits, Lindsay	4	0	4	0	4	0
WAHTOKE DISTRICT						
Between Minkler and Piedra	3	0	3	0	3	0
Between Reedley and Minkler	2	24	2	24	2	24
FRESNO-INTERURBAN DISTRICT						
Between Hammond and Fairview	4	0	4	0	4	0
Between Fairview and Elk	2	24	2	24	2	24
SECOND DISTRICT						
Over Jensen Ave. Crossing, Calwa	4	0	4	0	4	0
Through city limits, Fresno	10	0	10	0	10	0
Through city limits, Merced	7	30	7	30	7	30
THIRD DISTRICT						
Through Interlocker Tower 2, Stockton	2	24	2	24	2	24
Through city limits, Stockton	7	30	7	30	7	30
Between Holt and Werner	1	12	1	43	1	30
Through city limits, Antioch	7	30	7	30	7	30
Through city limits, Pittsburg	2	30	2	30	2	30
Over street crossing west of depot, Bay Point	2	0	2	0	2	0
Between Maltby and Pinole	1	20	2	0	2	0
Through crossover main line just west of depot, Richmond	6	0	6	0	6	0

OAKLAND DISTRICT

No train or engine will exceed a speed of 15 miles per hour through corporate limits of El Cerrito and Albany, and 20 miles per hour between the west corporate limits of Albany and San Pablo Avenue, Oakland. Whistle will be reasonably and moderately used, but unnecessary use will be avoided. Engine bell must ring continuously within these limits.

ALL DISTRICTS

Over interlocked crossings not otherwise restricted reduce speed to forty (40) miles per hour.

24. . . . .

25. Rule 701: Red or purple lights may be used in Dwarf signals to indicate "Stop."

26. **FLAG STOPS TO PICK UP REVENUE PASSENGERS**

Train	Stops	Passengers Destined
No. 2	Any station	East of Bakersfield
No. 22	Any station	East of Bakersfield

FLAG STOPS TO DISCHARGE REVENUE PASSENGERS

Train	Stops	Passengers From
No. 2	Any station east of Fresno	West of Fresno
No. 22	Any station between Fresno and Bakersfield	Fresno and West Thereof
No. 22	At Escalon	San Francisco, Oakland, Berkeley or Richmond
No. 5	Any station west of Cutler	East of Fresno
No. 9	Any station	East of Bakersfield
No. 21	Any station	East of Bakersfield

27. Rule 830: Automatic signals between Kern Junction and Ferry Point, and between Landco and Oil Junction.

Trains holding main track at meeting points in this territory will not open switch for opposing train to enter siding until such train has entered the block.

28. Rule 460: Engine flues must not be sanded while passing dry grain fields, tule lands or other places where fire might result.

FIRST DISTRICT

29. Unnecessary use of steam whistle between Kern Junction and Oak Street, Bakersfield, prohibited except in case of fog or other unusual condition, when whistle may be reasonably and moderately used.

Use of whistle in making air tests Bakersfield yard will be omitted.

30. Double track between Kern Jct. and Bakersfield, be governed by Rule D-151.

31. Rules 701, 703, and 704. Kern Junction interlocker: Dwarf signal governing movement against current of traffic is a position light signal: two white lights in horizontal row indicate stop; two white lights at an angle of 45 degrees, upper right hand quadrant, indicate proceed at restricted speed; two white lights in a vertical row indicate proceed.

32. Rule 19. Between Kern Junction and Bakersfield and between Bakersfield and Oil Junction, trains to and from the joint track, in either direction may use markers showing green to the front and sides and red to rear, as prescribed by the Southern Pacific rules.

SECOND DISTRICT

33. Double track between Fresno and Calwa, be governed by Rule D-151.

(Continued on Page 11)

VALLEY DIVISION—PORTERVILLE-OROSI DISTRICT

WESTWARD Second Class 91 MIXED Leave Daily Ex. Sunday	WESTWARD First Class 5 PASSENGER Leave Daily	Capacity of Sidings (No. Cars)	Fuel, Water, Turn Tables and Wyes	Miles from Minkler (Miles)	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929 STATIONS	Ruling Grade Ascending	Office of Communication and Booth Phone	EASTWARD First Class 10 PASSENGER Arrive Daily	EASTWARD Second Class 96 MIXED Arrive Daily Ex. Sunday
	AM 11.30	YARD	F W TY	116.0		BAKERSFIELD			PM 7.45	
					13.3	2.1	0.0			
	AM 11.37	60		113.9		LANDCO		B	PM 7.39	
					0.0	3.2	51.5			
	11.43 AM			110.7		OIL JUNCTION		C	7.32 PM	
						38.8				
	PM 12.49			71.9		DUCOR		C	PM s 6.21	
					56.8	5.9	52.8			
	f 12.58	56		66.0		ULTRA		B	f 6.09	
					52.8	7.0	52.8			
	1.09			59.0		PORTERVILLE JCT. P. N. E. Railway Crossing			5.54	
					0.0	0.8	33.2			
	s 1.12	39	YW	58.2		PORTERVILLE		C	s 5.51	
					52.8	5.8	52.8			
				52.4		Visalia Electric Railway Crossing				
					0.0	0.5	3.8			
	f 1.24	38		51.9		STRATHMORE JCT.		B	f 5.39	
					31.1	1.1	0.0			
	1.26	31		50.8		MIRADOR			5.37	
					3.1	1.5	31.4			
				49.3		Visalia Electric Railway Crossing				
					0.0	2.6	26.4			
	s 1.34	38	W	46.7		LINDSAY		C	s 5.30	
					5.0	3.1	34.8			
		20		43.6		LUCCA				
					0.0	0.6	0.0			
		19		43.0		SIDES				
					15.8	3.8	0.0			
	s 1.47	29		39.2		EXETER		C	s 5.18	
					15.8	0.3	0.0			
				38.9		Visalia Electric Railway Crossing				
					15.8	0.6	0.0			
		7		38.3		ANTES				
					4.7	2.1	5.3			
		12		36.2		VENIDA				
					0.0	2.1	5.3			
	f 1.57	21		34.1		FANE			f 5.08	
					21.1	2.9	8.9			
	f 2.03	24	W	31.2		HILLMAID		B	f 5.03	
					20.8	0.1	30.8			
				31.1		Visalia Electric Railway Crossing				
					20.8	1.0	30.8			
	f 2.10	20		30.1		REDBANKS		B	f 5.00	
					0.0	1.8	20.8			
		10		28.3		CAIRNS				
					0.0	1.4	17.4			
		21		26.9		RAYO				
					0.0	3.1	17.4			
	f 2.22	50		23.8		SEVILLE		C	f 4.49	
					15.3	3.2	10.8			
	2.30		Y	20.6		WYETH			4.43	PM 12.35
						1.6	26.8			
	2.35 PM	76	WF			CUTLER		C	4.40 PM	12.30 PM
					0.0	1.6				
PM 12.35			Y	20.6		WYETH				
					14.4	2.0	0.0			
f 12.45		30		18.6		OROSI		C		
					30.3	4.2	0.0			
f 12.55		12		14.4		PRIMERO				
					19.0	2.2	15.2			
s 1.08		58		12.2		ORANGE COVE		C		
					16.2	5.9	10.6			
f 1.28		28		6.3		NAVALENCIA				
					25.3	6.3	31.7			
1.48 PM		27	WY	0.0		MINKLER		C		
Arrive Daily Ex. Sunday	Arrive Daily					(116.0)			Leave Daily	Leave Daily Ex. Sunday
(16.9)	(31.4)					Average speed per hour			(31.5)	(19.2)

WAHTOKE DISTRICT

WESTWARD Second Class 91 MIXED Leave Daily Ex. Sunday	Capacity of Sidings (No. Cars)	Fuel, Water, Turn Tables, and Wyes	Miles from Reedley (Miles)	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929 STATIONS	Ruling Grade Ascending	Office of Communication and Booth Phone	EASTWARD Second Class
	YARD		16.9		PIEDRA		C	
				0.0	2.1	58.3		
	8		14.8		AVOCADO			
				0.0	3.5	57.0		
	39		11.3		OAKHURST			
				0.0	2.0	52.8		
PM 1.55	27	WY	9.3		MINKLER		C	
				0.0	3.4	31.7		
f 2.05	15		5.9		WAHTOKE		B	
				33.2	1.0	0.0		
f 2.08	6		4.9		VINO			
				13.2	0.5	21.1		
f 2.10	39		4.4		RADWIN			
				0.0	4.4	41.4		
2.25 PM	Yard	F WY	0.0		REEDLEY		C	
Arrive Daily Ex. Sunday					(16.9)			
(18.6)					Average speed per hour			

OAKDALE DISTRICT

WESTWARD First Class 205 MOTOR Leave Daily	209 MOTOR Leave Daily	241 MOTOR Leave Daily	Capacity of Sidings	Fuel, Water Turn Tables and Wyes	Miles from Riverbank	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929 STATIONS	Ruling Grade Ascending	Office of Communication and Booth Phone	EASTWARD First Class 236 MOTOR Arrive Daily	210 MOTOR Arrive Daily	222 MOTOR Arrive Daily
PM 5.45	PM 2.25	AM 11.40	40	Y	6.5		S. P. Co. Oakdale Branch Crossing OAKDALE		C	AM 9.00	PM 12.25	PM 4.00
						21.1	6.5	21.1				
6.00 PM	2.40 PM	11.55 AM	YARD	Y FW T	0.0		RIVERBANK		C	8.45 AM	12.10 PM	3.45 PM
Arrive Daily	Arrive Daily	Arrive Daily					(6.5)			Leave Daily	Leave Daily	Leave Daily
(26.0)	(26.0)	(26.0)					Average speed per hour			(26.0)	(26.0)	(26.0)

OIL CITY DISTRICT

WESTWARD	Capacity of Sidings (No. Cars)	Fuel, Water, Turn Tables and Wyes	Miles from Oil Junction (Miles)	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929 STATIONS	Ruling Grade Ascending	Office of Communication and Booth Phones	EASTWARD
	163	Y	0.0		OIL JUNCTION		C	
				21.1	3.0	0.0		
	44		3.0		SEGURO		C	
				0.0	1.9	42.2		
			4.9		TREADWELL JCT			
				0.0	0.7	0.0		
	YARD	WY	5.6		OIL CITY			
					5.6			

VISALIA DISTRICT

WESTWARD First Class 25 PASSENGER Leave Daily	5 PASSENGER Leave Daily	27 PASSENGER Leave Daily	Capacity of Sidings (No Cars)	Fuel, Water, Turn Tables, and Wyes	Miles from Corcoran (Miles)	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929 STATIONS	Ruling Grade Ascending	Office of Communication and Booth Phone	EASTWARD First Class 30 PASSENGER Arrive Daily	28 PASSENGER Arrive Daily	10 PASSENGER Arrive Daily	32 PASSENGER Arrive Daily
PM 10.15		AM 11.20	YARD	FWY	0.0		CORCORAN		C	AM 9.25	PM 2.18		PM 6.11
						28.5	4.1	0.0					
f10.22		f11.29	22		4.1		WAUKENA		B	f 9.15	f 2.08		f 6.03
						13.2	5.6	0.0					
f10.30		f11.39	39		9.7		PAIGE			f 9.02	f 1.57		f 5.52
						8.9	1.9	0.0					
10.33		f11.42	17		11.6		ROBLA			f 8.58	1.54		f 5.48
						16.6	3.1	0.0					
s10.39		s11.50	29		14.7		S. P. Co. Main Line Crossing TULARE		C	s 8.52	s 1.47		s 5.42
						13.9	4.0	0.0					
f10.46		f11.58	19		18.7		SWALL			f 8.44	1.37		f 5.34
						5.3	1.3	0.0					
10.48		PM 12.01	61		20.0		LOMA			8.42	1.34		5.32
						5.3	4.8	0.0					
s10.56		12.10 PM	54	W	24.8		VISALIA S. P. Co. Visalia Branch Crossing		C	s 8.35	1.25 PM		s 5.24
						0.0	6.6	16.2					
11.07			34		31.4		PERAL			f 8.15			5.13
						11.6	1.5	0.0					
					32.9		S.P.Co.Porterville Branch Crossing						
						11.6	2.9	0.0					
f11.13			32		35.8		YETTEM		B	f 8.08			f 5.07
						10.6	2.3	15.9					
s11.18	PM 2.40		76	W F	38.1		CUTLER		C	s 8.03		PM 4.35	s 5.03
						0.0	3.2	0.0					
f11.24	f 2.46		38		41.3		SULTANA		C	s 7.58		f 4.29	f 4.58
						0.0	3.5	13.2					
f11.31	f 2.54		59		44.8		NORTH DINUBA		C	s 7.52		f 4.24	f 4.53
						9.3	3.7	0.0					
s11.37	s 3.01		Yard	WY F	48.5		REEDLEY		C	s 7.47		s 4.19	s 4.48
						14.6	1.9	0.0					
					50.4		S.P.Co.Porterville Branch Crossing						
						14.6	0.3	0.0					
11.43	f 3.06		35		50.7		LACJAC			f 7.39		f 4.14	4.43
						0.0	2.4	0.0					
s11.47	f 3.10		80	W	53.1		PARLIER		C	s 7.35		f 4.10	f 4.39
						5.3	1.5	0.0					
11.49	f 3.14		27		54.6		MILEY			f 7.32		f 4.07	4.36
						1.1	3.6	2.5					
s11.55	f 3.21		61	W	58.2		DEL REY		C	s 7.26		f 4.02	f 4.30
						0.0	3.4	7.9					
AM 12.01	f 3.28		50		61.6		WOLF			f 7.20		f 3.56	4.24
						0.0	2.5	8.5					
f12.06	f 3.34		38		64.1		LONE STAR		C	f 7.16		f 3.52	f 4.20
						0.0	2.0	10.6					
12.09	f 3.38		33		66.1		CECILE			f 7.12		3.48	4.16
						0.0	2.5	10.6					
12.15 AM	3.43^{10} PM		Yard	FW TY	68.6		CALWA		C	7.08 AM		3.43^{5} PM	4.12 PM
Arrive Daily	Arrive Daily	Arrive Daily					(68.6)			Leave Daily	Leave Daily	Leave Daily	Leave Daily
(34.3)	(29.5)	(29.7)					Average speed per hour			(30.0)	(28.1)	(35.9)	(34.6)

No. 27 is superior to No. 28.

FRESNO INTERURBAN DISTRICT

WESTWARD	Capacity of Sidings (No. Cars)	Fuel, Water, Turn Tables and Wyes	Miles from Hammond (Miles)	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929 STATIONS	Ruling Grade Ascending	Office of Communication and Booth Phone	EASTWARD
	20	W	0.0		HAMMOND		B	
				0.0	2.0	0.0		
	12		2.0		CINCOTTA			
				0.0	0.4	0.0		
	5		2.4		BARTONETTE		B	
				0.0	0.8	0.0		
	5		3.2		ROESSLER			
				0.0	1.7	0.0		
	5		4.9		LOS PALMO S. P. Co. Friant Branch Crossing			
				0.0	1.1	0.0		
	13		6.0		BRONGE			
				0.0	0.5	0.0		
	11		6.5		FORTHCAMP			
				0.0	0.7	0.0		
	30		7.2		BURNESS			
				0.0	1.4	0.0		
	24		8.6		POSSON			
				0.0	1.0	0.0		
	11		9.6		BLASINGAME			
				0.0	0.5	0.0		
	16		10.1		HOPPER			
				0.0	0.8	0.0		
	8		10.9		SMITHVILLE			
				0.0	1.4	0.0		
	5		12.3		LINES			
				0.0	0.6	0.0		
	47		12.9		FAIRVIEW		B	
				42.2	1.4	10.6		
	5		14.3		HABER			
				0.0	0.1	0.0		
	2		14.4		BASHONE			
				15.8	0.6	0.0		
	17	W	15.0		ZEDIKER		B	
				9.5	0.7	0.0		
	13		15.7		RIVERBEND			
				31.7	1.0	42.2		
	6		16.7		ELK		B	
				10.6	0.2	0.0		
	0		16.9		BELMONT AVE.			
					(16.9)			

LATON DISTRICT

WESTWARD	Capacity of Sidings (No. Cars)	Fuel, Water, Turn Tables and Wyes	Miles from Laton (Miles)	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929 STATIONS	Ruling Grade Ascending	Office of Communication and Booth Phone	EASTWARD
	83	Y	0.0		LATON		C	
				0.0	1.9	10.4		
			1.9		S. P. Goshen Branch Crossing			
				0.0	3.7	10.4		
	10		5.6		CLINT			
				0.0	2.2	0.0		
	15		7.8		H. & S. L. R. R. Crossing CORNWELL			
				0.0	1.8	0.0		
	11		9.6		GEPFORD			
				0.0	2.3	0.0		
	4		11.9		ROY			
				0.0	3.7	3.0		
	20		15.6		SHILLING			
				0.0	1.8	0.0		
	26	Y	17.4		LANARE		B	
					(17.4)			
					Average speed per hour			

FIRST DISTRICT

WESTWARD									TIME TABLE NO. 61 January 6, 1929			EASTWARD			
	First Class				Capacity of Sidings	Fuel, Water Turn Tables and Wyes	Miles from Albuquerque	Ruling Grade Ascending		Ruling Grade Ascending.	Office of Communication and Booth Phone	First Class			
43	21	29	5	9								2	10	22	34
FREIGHT	The Missionary	PASSENGER	PASSENGER	The Navajo								The Navajo	PASSENGER	The Missionary	FREIGHT
Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	No. Cars		Miles		STATIONS			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
PM 11.45	PM 7.00			AM 9.05	59		885.2		KERN JUNCTION		C	AM 8.40		PM 8.30	PM 10.10
								0.0	2.5	15.8					
AM 12.01 1.00	s 7.10[10] m 8.35[22]		AM 11.30	s 9.15 m 9.45	YARD	FW TY	887.7		**BAKERSFIELD**		C	m 8.30 s 8.00	PM 7.45[21]	m 8.20[21] s 7.50	10.00 7.10
								13.3	2.1	0.0					
	8.39		11.37 AM	9.49			889.8		LANDCO		B	7.53	7.39 PM	7.45	
								0.0	2.1	15.5					
	8.42			9.52	80		891.9		JASTRO		B	7.49		7.41	
								0.0	3.8	14.7					
	f 8.47			f 9.57	81		895.7		ROSEDALE		B	7.44		f 7.36	
								0.0	4.9	14.0					
	8.53			10.03	83		900.6		UNA		B	7.37		7.29	
								9.2	4.9	0.0					
	s 8.59			f10.10	83		905.5		SHAFTER		C	s 7.30		s 7.21	
								0.0	7.5	10.6					
	s 9.09			s10.21	91	W	913.0		WASCO		C	s 7.20		s 7.10	
								0.0	5.8	15.8					
	9.17			10.29	83		918.8		ELMO		B	7.10		7.01	
								0.0	2.7	10.6					
	f 9.21			f10.33	16		921.5		POND			7.06		f 6.58	
								0.0	3.0	15.8					
	9.25			10.37	83		924.5		KERNELL		B	7.02		6.53	
								0.0	7.5	8.4					
	f 9.37			f10.48	83	W	932.0		ALLENSWORTH		C	6.52		f 6.45	
								1.1	4.4	1.7					
	f 9.46			10.54	104		936.4		STOIL		B	6.45		f 6.39	
								9.5	5.7	9.0					
	f 9.53			f11.02	83		942.1		ANGIOLA		C	6.38		f 6.33	
								4.1	3.8	0.0					
	9.58			11.07	83		945.9		BLANCO		B	6.33		6.28	
								0.0	1.0	0.0					
					21		946.9		TURNBULL						
								0.0	4.0	2.6					
	s10.08	PM 2.25		s11.18	YARD	FWY	950.9		**CORCORAN**		C	s 6.25		6.21 s 6.13	
								3.2	3.0	0.0					
	10.14	f 2.30		11.23	85		953.9		BEAN		B	6.16		6.08	
								4.1	6.2	0.0					
	f10.22	f 2.37		11.30	93		960.1		GUERNSEY		C	6.09		f 6.01	
								5.8	4.0	0.0					
	10.27	2.43		11.36	25		964.1		ODESSA			6.04		5.56	
								5.2	3.8	0.0					
	s10.35	s 2.53		s11.46	186	W	967.9		S. P. Co. Goshen Branch Crossing HANFORD		C	s 5.58		s 5.50	
								9.0	3.3	0.0					
	10.40	2.59		11.52	24		971.2		BANNER			5.46		5.40	
								10.6	0.6	0.0					
					5		971.8		LUCERNE		B				
								0.0	1.5	0.0					
	10.43	3.02		11.55	83		973.3		SHIRLEY		B	5.43		5.37	
								14.6	2.7	15.8					
	f10.47	f 3.08		PM f12.01	83	Y	976.0		LATON		C	s 5.39		f 5.33	
								0.0	5.9	15.8					
	f10.56	f 3.15		12.08	83	W	981.9		CONEJO		C	f 5.30		f 5.25	
								10.6	3.7	0.0					
	f11.02	3.20		12.13	32		985.6		MONMOUTH		B	5.24		5.20	
								10.6	2.7	0.0					
	f11.07	f 3.24		f12.17	82		988.2		BOWLES		C	f 5.20		f 5.16	
								10.6	2.8	0.0					
	11.12	3.27		f12.20	83		991.1		OLEANDER		B	f 5.14		f 5.12	
								0.0	3.3	4.2					
							994.4		S. P. Co. Main Line Crossing		C				
								0.0	0.8	4.2					
5.30 AM	s11.20 PM	s 3.35 PM		s12.28 PM	YARD	FW TY	995.2		**CALWA**		C	5.07 AM		5.06 PM	1.00 PM
Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily					(110.0)			Leave Daily	Leave Daily	Leave Daily	Leave Daily
(18.7)	(37.7)	(37.9)	(18.0)	(38.2)					Average speed per hour			(36.1)	(21.0)	(39.8)	(17.4)

No. 43 has no Time Table superiority.

No. 34 has no Time Table superiority.

WESTWARD — First Class | EASTWARD — First Class

43	21	31	5	9	15	25	Capacity of Sidings	Fuel, Water, Turn Tables and Wyes	Miles from Albuquerque	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929	Office of Communication and Booth Phone	Ruling Grade Ascending	26	2	30	10	32	22	34
FREIGHT	The Missionary	PASSENGER	PASSENGER	The Navajo	PASSENGER	PASSENGER								PASSENGER	The Navajo	PASSENGER	PASSENGER	PASSENGER	The Missionary	FREIGHT
Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	No. Cars		Miles		STATIONS			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
AM 6.30	PM 11.21	PM 3.50	PM 3.46	PM 12.28	AM 6.35	AM 12.16	Yard	FW TY	995.2		CALWA	C		AM 12.45	AM f 5.07	AM s 7.07	PM s 3.43	PM s 4.12	PM f 5.06	AM 10.30
										15.8	1.6		2.6							
									996.8		S.P.Co. Porterville Branch Crossing	C								
										15.8	0.9		2.6							
											S. P. Co. Friant Branch Crossing	C								
											0.4		5.3							
	s11.30 AM 12.35	4.00 PM	s 3.53 4.05	s12.35 12.45	6.45 AM	12.23 AM	Yard	W	998.1		FRESNO	C		12.35 AM	5.00 s 4.48	7.00 AM	3.35 s 3.20	4.05 PM	5.00 s 4.50	
										15.8	2.0		5.3							
	12.40		4.09	12.49			82		1000.1		HAMMOND	B			4.42		3.12		4.42	
										15.8	5.6		5.3							
	12.50		4.16	12.56			83		1005.7		FIGARDEN	B			4.35		f 3.04		4.36	
										10.6	5.9		15.8							
	1.00		4.22	f 1.04			82		1011.6		GREGG	B			4.27		f 2.56		4.29	
										0.0	2.4		15.8							
	1.05		4.26[22]	f 1.08			47		1014.0		TRIGO	B			4.24		f 2.52		4.26[5]	
										15.8	5.6		12.7							
	1.14		4.33	f 1.16			83	W	1019.6		MADERA	C			4.17		f 2.44		4.19	
										16.1	6.5		15.8							
	1.24		4.40	1.24			83		1026.1		KISMET	C			4.09		f 2.36		4.11	
											0.3		0.0							
									1026.4		S. P. Co. Berenda Branch Crossing									
										7.4	3.9		0.0							
	1.31		4.44	f 1.29			49		1030.3		SHARON	B			4.03		f 2.29		4.06	
										15.8	5.5		15.8							
	1.41		4.50	f 1.37			83		1035.8		MARGUERITE	B			3.55		f 2.21		3.59	
										0.0	2.6		15.8							
	1.47		4.53	1.41			18		1038.4		DICKINSON				3.51		2.17		3.56	
										0.0	3.1		15.8							
	f 1.54		4.56	s 1.45			80	W	1041.5		LEGRAND	C			3.47		s 2.12		3.53	
										0.0	3.0		15.8							
	2.00		4.59	1.50			19		1044.5		BURCHELL				3.42		2.06		3.50	
										5.3	2.8		10.6							
	2.06		f 5.02	f 1.53			53		1047.3		PLANADA	C			3.39		s 2.03		3.47	
										0.0	3.3		14.6							
	2.12		5.05	f 1.57[10]			85		1050.6		TUTTLE	B			3.34		f 1.57[9]		3.43	
										0.0	5.5		10.6							
	s 2.23		s 5.15	s 2.05 m 2.35			Yard	W	1056.1		MERCED	C			s 3.25		m 1.47 s 1.17		s 3.36	
											Yosemite Valley R. R. Crossing									
										5.3	0.7		17.4							
									1056.8		S. P. Co. Oakdale Branch Crossing									
										0.0	5.5		17.4							
	2.36		5.24	2.43			81		1062.3		CUBA	B			3.11		f 1.07		3.28	
										15.8	1.8		15.8							
	2.39		5.26	2.45			15		1064.1		YAM				3.09		1.05		3.26	
										10.6	1.3		0.0							
	2.42		5.28	f 2.47			44		1065.4		WINTON	C			3.07		s 1.03		3.24	
										0.0	2.9		0.0							
	2.47		5.31	f 2.52			82		1068.3		CRESSY	B			3.02		f12.56		3.20	
										19.8	3.7		19.8							
	2.57[2]		5.36	f 2.58			82		1072.0		BALLICO	B			2.57[21]		f12.51		3.16	
										15.8	7.6		15.8							
	f 3.08		5.45	s 3.08[22]			85	W	1079.6		DENAIR	C			2.47		s12.40		3.08[9]	
										0.0	6.2		0.0							
	f 3.17		5.53	s 3.18			83		1085.8		HUGHSON	C			2.39		s12.30		3.01	
										17.4	3.4		15.8							
	3.23		5.57	f 3.25			83		1089.2		EMPIRE	C			2.34		s12.22		2.57	
										7.9	3.6		0.0							
	3.30		6.01	3.31			51		1092.8		CLAUS	B			2.29		f12.16		2.52	
										26.4	3.5		0.0							
11.00 AM	3.40 AM		6.08 PM	3.37 PM			Yard	FW TY	1096.3		RIVERBANK	C			2.23 AM		12.10 PM		2.46 PM	4.30 AM
Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily					(101.1)			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leeav Daily
(16.8)	(31.2)	(16.8)	(46.6)	(40.6)	(16.8)	(24.0)					------Average speed per hour			(16.8)	(39.9)	(24.0)	(30.6)	(24.0)	(46.6)	(16.8)

No. 43 has no Time Table superiority.

No. 34 has no Time Table superiority.

No. 43 has no Time Table superiority.

WESTWARD

First Class

43 FREIGHT	49 The Navajo	5 PASSENGER	9 The Navajo	47 PASSENGER	45 The Missionary	41 PASSENGER	37 PASSENGER	21 The Missionary	Capacity of Sidings	Fuel, Water, Turn Tables and Wyes	Miles from Albuquerque	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929	Distance to next station
Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	No. Cars		Miles		STATIONS	
AM 11.45		PM 6.12	PM 3.45					AM 3.50	YARD	FW TY	1096.3	15.8	**RIVERBANK**	5.3
		s 6.20	s 3.54					f 4.01	80	W	1101.6	0.0	ESCALON	5.4
		6.28	4.01					f 4.10	47		1107.0	0.0	AVENA	5.5
		6.35	4.08					f 4.18	83		1112.5	0.0	BURNHAM	4.4
		6.40	4.13					4.25	83		1116.9	0.0	LARSON	3.4
		6.44	4.18					4.31	Yard	W	1120.3	0.0	MORMON	1.1
		s 6.50	s 4.20 4.30			AM 8.00		s 4.35 4.45	Yard	FW TY	1121.4	1.6	S.P. and W.P. Main Line Crossings **STOCKTON** Western Pacific Ry. Crossing.	4.5
		7.00	4.40			8.07		4.54	66		1125.9	0.0	WOODSBRO	1.2
		7.02	4.42			8.09		4.56	49		1127.1	0.0	GILLIS	2.2
		7.05	s 4.47			s 8.12		f 5.03	83		1129.3	0.8	HOLT	4.2
		7.11	4.54			8.18		5.10	72		1133.5	11.6	TRULL	1.3
		7.14	f 4.57			f 8.21		f 5.12	14		1134.8	0.0	MIDDLE RIVER	2.0
		7.17	f 5.02			f 8.25		f 5.17	83	W	1136.8	8.2	ORWOOD	3.1
		7.21	5.06			8.31		5.22	72		1139.9	6.3	BIXLER	3.1
		7.25	s 5.12			s 8.37		f 5.28	51		1143.0	3.6	KNIGHTSEN	3.1
		7.29	s 5.19			s 8.44		f 5.34	82		1146.1	13.2	OAKLEY	4.7
		7.35	5.25			8.50		5.40	83		1150.8	0.0	SANDO	1.3
		s 7.40	s 5.32			s 8.55		s 5.45	Yard	W	1152.1	15.8	ANTIOCH	3.7
		f 7.48[42]	s 5.40			s 9.01		f 5.52	82		1155.8	5.3	PITTSBURG	3.7
		7.53	5.45			9.06		5.58	82		1159.5	15.8	BROSE	4.1
		8.00	f 5.52			f 9.12		f 6.05	YARD		1163.6	0.0	BAY POINT	2.2
									48	Y	1165.8	0.0	BLUME	1.5
		8.05	5.57			9.17		6.13	83		1167.3	52.8	MALTBY	1.8
		8.08	6.01			9.20		6.17	76		1169.1	52.8	VINE HILL	1.7
		8.11	6.05			f 9.23		6.21	15		1170.8	60.0	MUIR	2.6
		8.15	f 6.11			9.28		6.27	140	W	1173.4	52.8	GLEN FRAZER	1.9
		8.19	6.15			9.32		f 6.32	148	W	1175.3	0.0	CHRISTIE	4.3
		8.24	6.21			9.37		6.38	61		1179.6	0.0	LUZON	1.5
		8.26	6.24			9.39		6.40	39		1181.1	0.0	HERPOCO	0.4
		8.27	6.25			f 9.40		f 6.41	12		1181.5	49.6	PINOLE	1.7
		8.29	6.28			9.42[10]		6.44	145		1183.2	52.8	GATELEY	3.3
		8.33	6.33			9.48		6.48	72		1186.5	0.0	RHEEM	1.3
		8.35	6.36			9.50		6.51	38		1187.8	51.7	SAN PABLO	1.8
5.00 PM	PM 10.45	s 8.40	s 6.42	PM 6.20	AM 11.51	s 9.55	AM 8.51	s 6.58	YARD	FW TY	1189.6	0.0	**RICHMOND**	0.6
	10.46	f 8.41	6.44	6.22	11.53	f 9.57	8.53	f 7.00			1190.2		RICHMOND AVE.	1.5
	10.50 PM	8.45 PM 8.50	6.50 PM 7.05	6.26 PM	11.57 AM	10.01 AM 10.10	8.57 AM	7.05 AM 7.15	YARD		1191.7		**FERRY POINT**	95.4 7.7
		9.30 PM	7.50 PM			10.50 AM		8.00 AM			1199.4		SAN FRANCISCO	
Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily						
(17.7)	(25.2)	(35.3)	(33.5)	(21.0)	(34.9)	(21.0)	(21.0)	(30.9)					----Average speed per hour----	

TIME TABLE NO. 61 January 6, 1928	Ruling Grade Ascending	Office of Communication and Booth Phone	EASTWARD First Class								
			40 The Missionary	10 PASSENGER	22 The Missionary	46 PASSENGER	42 PASSENGER	48 The Navajo	50 PASSENGER	2 The Navajo	34 Freight
STATIONS			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
RIVERBANK		C		PM 12.05 PM	PM 2.40					AM 2.18	AM 3.30
5.3	15.8										
ESCALON		C		s11.57	2.32					2.10	
5.4	15.0										
AVENA		B		f11.50	2.25					2.03	
5.5	9.8										
BURNHAM		C		f11.43	2.18					1.55	
4.4	9.3										
LARSON		B		11.37	2.13					1.49	
3.4	10.3										
MORMON		C		11.32	2.08					1.45	
1.1	10.3										
S.P. and W.P. Main Line Crossings **STOCKTON** Western Pacific Ry. Crossing		B		s11.22	s 2.06		PM s 8.50			s 1.29	
4.5	1.8										
WOODSBRO				11.15	1.58		8.38			1.22	
1.2	0.5										
GILLIS		B		11.13	1.56		8.36			1.20	
2.2	0.5										
HOLT		C		s11.09	1.53		f 8.32			1.17	
4.2	0.0										
TRULL		B		11.00	1.47		8.26			1.10	
1.3	5.3										
MIDDLE RIVER		C		s10.57	1.45		f 8.24			1.07	
2.0	10.6										
ORWOOD		C		s10.52	f 1.41		f 8.20			1.02	
3.1	10.6										
BIXLER		B		f10.46	1.36		8.15			12.57	
3.1	0.0										
KNIGHTSEN		C		s10.40	1.32		f 8.10			12.52	
3.1	6.6										
OAKLEY		C		s10.35	1.28		f 8.04			12.47	
4.7	15.8										
SANDO		B		10.28	1.22		7.58			12.40	
1.3	15.8										
ANTIOCH		C		s10.26	s 1.20		s 7.56			s12.37	
3.7	6.6										
PITTSBURG		C		s10.20	f 1.12		s 7.48[5]			f12.28	
3.6	11.6										
BROSE		B		10.15	1.07		7.40			12.22	
4.1	15.8										
BAY POINT		C		s10.10	f 1.02		f 7.35			f12.16	
2.2	0.0										
BLUME		B									
1.5	0.0										
MALTBY		B		10.06	12.57		7.30			12.11	
1.8	0.0										
VINE HILL		B		f10.04	12.55		f 7.27			12.09	
1.7	0.0										
MUIR		C		f10.02	12.52		f 7.24			12.06	
2.6	0.0										
GLEN FRAZER		C		f 9.58	12.49		f 7.20			12.02 AM	
1.9	52.8										
CHRISTIE		B		f 9.54	12.45		7.16			11.56	
4.3	52.8										
LUZON		B		f 9.48	12.38		7.10			11.48	
1.5	52.8										
HERPOCO		B		9.46	12.36		7.08			11.46	
0.4	45.2										
PINOLE		C		s 9.45	12.35		s 7.07			11.45	
1.7	29.9										
GATELEY		B		9.42[41]	12.32		7.03			11.42	
3.3	52.8										
RHEEM		B		9.34	12.27		6.57			11.36	
1.3	0.0										
SAN PABLO				9.31	12.25		6.55			11.34	
1.8	52.8										
RICHMOND		C		s 9.27	s12.21		s 6.52			s11.30	9.45 PM
0.6	0.0										
RICHMOND AVE.			AM 7.19	f 9.23	12.19	AM 10.09	f 6.49	PM 6.59	PM 8.54	11.27	
1.5											
FERRY POINT		C	7.15 AM	9.18 AM	12.15 PM	10.05 AM	6.45 PM	6.55 PM	8.50 PM	11.22 PM	
7.7				9.08	12.07		6.37			11.07	
SAN FRANCISCO				8.30 AM	11.30 AM		6.00 PM			10.30 PM	
(95.4)			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
Average speed per hour			(22.5)	(35.3)	(39.1)	(22.5)	(34.9)	(22.5)	(22.5)	(35.1)	(16.6)

No. 34 has no Time Table superiority.

Sidings, Spurs and Flag Stops not shown on face of Time Table

LOCATION	Miles from Albuquerque	Car Capacity	Switch Connection	Flag Stops for Trains
FIRST DISTRICT				
Ivy	909.8	5	East	
Palmo	910.5	4	East	
Hoover	910.5	23	West	
Petro	920.0	9	West	
Spa	938.3	16	East & West	
Alpaugh	941.8	Spur	East	
Pitco	970.1	3	East	
SECOND DISTRICT	Miles from Albuquerque			
Solo	1017.0	39	West	
Calpack	1048.6	61	East & West	
Carolyn	1052.1	11	West	
Hoff	1060.1	10	East & West	
Cortez	1074.6	16	East & West	
Fells	1083.7	30	East & West	
VISALIA DISTRICT	Miles from Corcoran			
Siete	6.5	4	West	
Imhoff	15.7	9	West	
Higby	21.8	10	East	
Tokay	42.3	30	East & West	30-5
Enson	43.9	12	East	
Grapegrowers	46.0	6	West	
Gilbert	46.7	5	East	
Mattei	64.2	166	West	
Homsy	65.6	4	East	
Janjigian	65.7	7	East	
WAHTOKE DISTRICT	Miles from Reedley			
Carmelita	8.2	6	East	
Woodrock	13.3	61	East	
PORTERVILLE DISTRICT	Miles from Minkler			
Twin Buttes	25.3	8	West	
Cyr	26.2	6	East	
Woodlake	33.5	4	Branch from Hillmaid	
Matchin	37.3	6	East	
List	40.6	11	West	
Cleary	44.5	14	West	
Evans	44.8	1	West	
Taylor	45.2	11	East	
Sierra Heights	48.5	13	East	
Gillette	50.4	16	East	
Strathmore	52.0	Spur	East	
Denlin	52.6	30	West	
Adams	52.9	Spur	East	
Mosian	54.5	27	East	
Lumer	60.9	61	East	
Sunland	61.4	Spur	West	
Magnolia	61.9	17	East & West	
Lempom	63.7	5	East	
San Joaquin Cotton Compress	114.3	12	East & West	
THIRD DISTRICT	Miles from Albuquerque			
Harrold	1099.5	11	West	
Permelia	1114.9	7	West	
Lacto	1132.9	21	East & West	10, 41
Werner	1139.0	28	Siding	41,10,42
Bridgehead	1148.4	8	West	
Nichols	1161.7	18	East	
OAKLAND DISTRICT	Miles from Richmond			
Cerrito	5.7	11	East	
Peoco	7.5	5	East	
Bruce	7.8	6	West	
Opaco	10.0	8	West	
Redo	10.2	12	West	

LENGTH OF WYE STEMS

Blume	292 feet	Oakland	350 feet
Laton	260 feet	Lanare	505 feet
		Oakdale	300 feet
Porterville	425 feet	Bakersfield	456 feet

WESTWARD First Class					Capacity of Sidings	Fuel, Water Turntables and Wyes	Miles from Richmond	Ruling Grade Ascending	TIME TABLE NO. 61 January 6, 1929	Ruling Grade Ascending	Office of Communication and Booth Phone	EASTWARD First Class				
305	309	307	341	321								310	322	342	308	302
PASSENGER	The Navajo	PASSENGER	PASSENGER	The Missionary								PASSENGER	The Missionary	PASSENGER	PASSENGER	The Navajo
Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily					STATIONS			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
PM 8.55	PM 7.00	PM 4.50	AM 10.10	AM 7.20	Yard	FW TY	0.0		RICHMOND		C	AM 8.51	AM 11.51	PM 6.20	PM 8.30	PM 10.45
								64.4	4.0	49.5						
9.04	7.10	4.59	10.17	7.29	10		4.0		MALOTT			8.44	11.44	6.13	8.23	10.38
								23.5	0.8	39.6						
9.06	7.12	5.01	10.19	7.31	75		4.8		DWIGHT		B	8.42	11.42	6.11	8.21	10.36
								22.7	1.7	31.7						
							6.5		S. P. Co. Electric Crossing							
								0.0	1.5	0.0						
s 9.15	s 7.22	5.11	s10.30	s 7.41	30		8.0		BERKELEY		C	s 8.31	s11.31	s 6.00	s 8.10	s10.25
								0.0	1.9	0.0						
							9.9		S. P. Co. Berkeley Branch Crossing							
								0.0	1.0	79.4						
9.25 PM	7.30 PM	5.20 PM	10.40 AM	7.50 AM	Yard	WY	10.9		OAKLAND		C	8.20 AM	11.20 AM	5.50 PM	8.00 PM	10.15 PM
Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily					(10.9)			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
(21.8)	(21.8)	(21.8)	(21.8)	(21.8)					Average speed per hour			(21.1)	(21.1)	(21.8)	(21.8)	(21.8)

Number 321 is superior to Number 310.
Number 341 is superior to Number 322.
Number 307 is superior to Number 342.
Number 309 is superior to Number 308.
Number 305 is superior to Number 302.

SURGEONS OF THE ATCHISON, TOPEKA & SANTA FE RY. CO., COAST LINES AND SANTA FE COAST LINES HOSPITAL ASSOCIATION—VALLEY DIVISION.

DR. W. A. MORRISON, Chief Surgeon, Pacific Mutual Building, Los Angeles.
DR. LAWRENCE CHAFFIN, Assistant Chief Surgeon, Kerckhoff Building, Los Angeles.
DR. A. R. KILGORE, Assistant to Chief Surgeon, San Francisco.

DR. CURTIS SMITH, Local Surgeon....San Francisco.
DR. E. S. KILGORE, Internist....San Francisco.
DR. WALLACE I. TERRY, Consulting Surgeon....San Francisco.
DR. GILBERT BARRETT, Consulting Surgeon....San Francisco.
DR. A. C. GIBSON (Aurist)....San Francisco.
DR. W. D. KEARNEY (Oculist)....San Francisco.
DR. R. L. DRESSEL, Consulting Surgeon....San Francisco.
DR. JAS. R. DILLON, Consulting Surgeon....San Francisco.
DR. GEO. D. CULVER, Consulting Surgeon....San Francisco.
DR. H. B. BELL, Local Surgeon....Oakland.
DR. E. E. BRINCKERHOFF (Oculist)....Oakland.
DR. CHAS. E. PETERS, Roentgenologist....Oakland.
DR. C. L. ABBOTT, District Surgeon....Richmond-Oakland.
DR. U. S. ABBOTT, Local Surgeon....Richmond.
DR. L. ST. JOHN HELY, Consulting Surgeon....Richmond.
DR. L. A. HEDGES, Assistant Surgeon....Richmond.
DR. S. H. MARKS....Pittsburg.
DR. FRED P. NEVIUS, Local Surgeon....Antioch.
DR. W. T. McNEIL, Local Surgeon....Stockton.
DR. ABRAM L. VAN METER, Assistant Local Surgeon....Stockton.
DR. J. D. DAMERON, Consulting Surgeon....Stockton.
DR. B. F. WALKER (Oculist)....Stockton.
DR. O. I. BEMIS, Local Surgeon....Riverbank.
DR. H. D. SKINNER, Local Surgeon....Hughson.
DR. RAY R. DEARBORN, Local Surgeon....Madera.
DR. A. H. SWEENEY, Division Surgeon....Fresno.
DR. C. F. DICKENSON, Consulting Surgeon....Fresno.
DR. HOWARD H. HOPKINS, Assistant Surgeon....Fresno.
DR. J. R. WALKER (Oculist)....Fresno.
DR. G. W. WALKER (Consulting Oculist and Aurist)....Fresno.
DR. W. E. LILLEY, Local Surgeon....Merced.
DR. A. S. PARKER, Specialist....Merced.
DR. E. C. FOSTER, Local Surgeon....Hanford.
DR. J. THOMAS PEERY, Local Surgeon....Corcoran.
DR. JOSEPH SMITH, Local Surgeon....Bakersfield.
DR. F. A. HAMLIN (Oculist)....Bakersfield.
DR. G. C. SABICHI, Consulting Surgeon....Bakersfield.
DR. KEITH S. McKEE, Assistant Oculist and Aurist....Bakersfield.
DR. J. M. KIRBY, Assistant Surgeon....Bakersfield.
DR. W. H. MOORE, Assistant Local Surgeon....Bakersfield.
DR. L. HEULER, Local Surgeon....Fellows.
DR. H. M. HAWKINS, Local Surgeon....Taft.
DR. E. S. FOGG, Local Surgeon....Wasco.
DR. R. C. HILL, Local Surgeon....Exeter.
DR. J. B. ROSSON, Local Surgeon....Tulare.
DR. ADDISON W. PRESTON, Local Surgeon....Visalia
DR. WM. G. CARSON, Local Surgeon....Cutler.
DR. G. A. HAWKINS, Local Surgeon....Reedley.
DR. J. AUDLEY YOUNG, Local Surgeon....Oakdale.
DR. HORACE G. CAMPBELL, Local Surgeon....Lindsay.
DR. S. A. BARBER, Local Surgeon....Porterville.

R. D. MONTGOMERY, General Watch Inspector, Topeka, Kan.

LOCAL WATCH INSPECTORS

E. W. MARTIN....Oakland.
A. L. COLVIN....Fresno.
OTTO A. POULSEN....Richmond.
E. B. WARRINGTON....Corcoran.
AMERICAN JEWELRY CO....Bakersfield.

C. D. BROCKETT, Traveling Watch Inspector, Fresno.

At Richmond, 1st and 15th, 8:00 a.m. to 5:00 p.m.
At Richmond, 2nd and 16th, 8:00 a.m. to 12:01 p.m.
At Calwa, 5th, 6th, 19th and 20th, 7:15 a.m. to 3:40 p.m.
At Calwa, 7th and 21st, 7:15 a.m. to 12:01 p.m.
At Reedley, 8th and 22nd, 7:50 a.m. to 9:00 a.m.
At Cutler, 8th and 22nd, 12:05 p.m. to 2:30 p.m.
At Antioch, 2nd and 16th, 1:30 p.m. to 7:14 p.m.
At Stockton, 3rd and 17th, 8:00 a.m. to 2:00 p.m.
At Riverbank, 3rd and 17th, 2:50 p.m. to 6:00 p.m.
At Riverbank, 4th and 18th, 8:00 a.m. to 2:20 p.m.
When 2nd, 8th, 16th or 22nd fall on Sunday, remainder of schedule will be one day later than outlined above.

(Continued from Page 3)

VISALIA DISTRICT

34. Unless otherwise directed, extra trains between Calwa and Corcoran will run via First District.

PORTERVILLE DISTRICT

35. Southern Pacific time table and rules govern between Oil Jct. and Ducor.

THIRD DISTRICT AND SAN FRANCISCO TERMINAL

36. In addition to regular train signals, all trains, both day and night, will display each a lighted red and white hand lantern on rear of train between Maltby and Richmond and will also carry a lighted red and white lantern in cab of engine for convenient use in case of trouble.

37. All trains will use headlight through tunnel Number 3 between Glen Frazer and Christie.

38. Helper engines must not be detached from trains in tunnels.

39. Passenger trains backing between Richmond and Ferry Point will have brakeman stationed on the forward platform, provided with brake valve, air whistle and, in addition, at night, a white light.

40. Headlight on engines standing under train shed, Ferry Point, must be extinguished when steamers landing if reflection of same toward boat or slip.

41. In switching at Hercules powder plant, cars must not be "dropped" into any of the spurs but must be carefully shoved to spot or coupling.

In switching at Valley Spur, Muir, air must be coupled up and working, cars must not be "dropped" or "kicked."

42. At Sando: Westward train holding main track when meeting eastward train must not pass preliminary board until signal 11503 assumes "stop" position. When stopped in accordance with above and track is seen to be clear, train may enter block at restricted speed. Dwarf signal at west end of siding will govern westward movements of trains from siding to main track and will give proceed indication, with train standing immediately east thereof, thirty seconds after west siding switch is reversed when track unoccupied between Sando and signal 11512 at Antioch.

43. Double track between Richmond and Ferry Point, be governed by Rule D-151.

44. Numbers 40, 46, 48, and 50 on arrival Richmond Ave. will head through west leg of wye and proceed as Numbers 321, 341, 309, and 305, respectively, and will register in book provided for the purpose in box near Oakland District Connection with leg of wye.

JUNCTION SWITCHES

Normal position of junction switches will leave unbroken rail as follows:

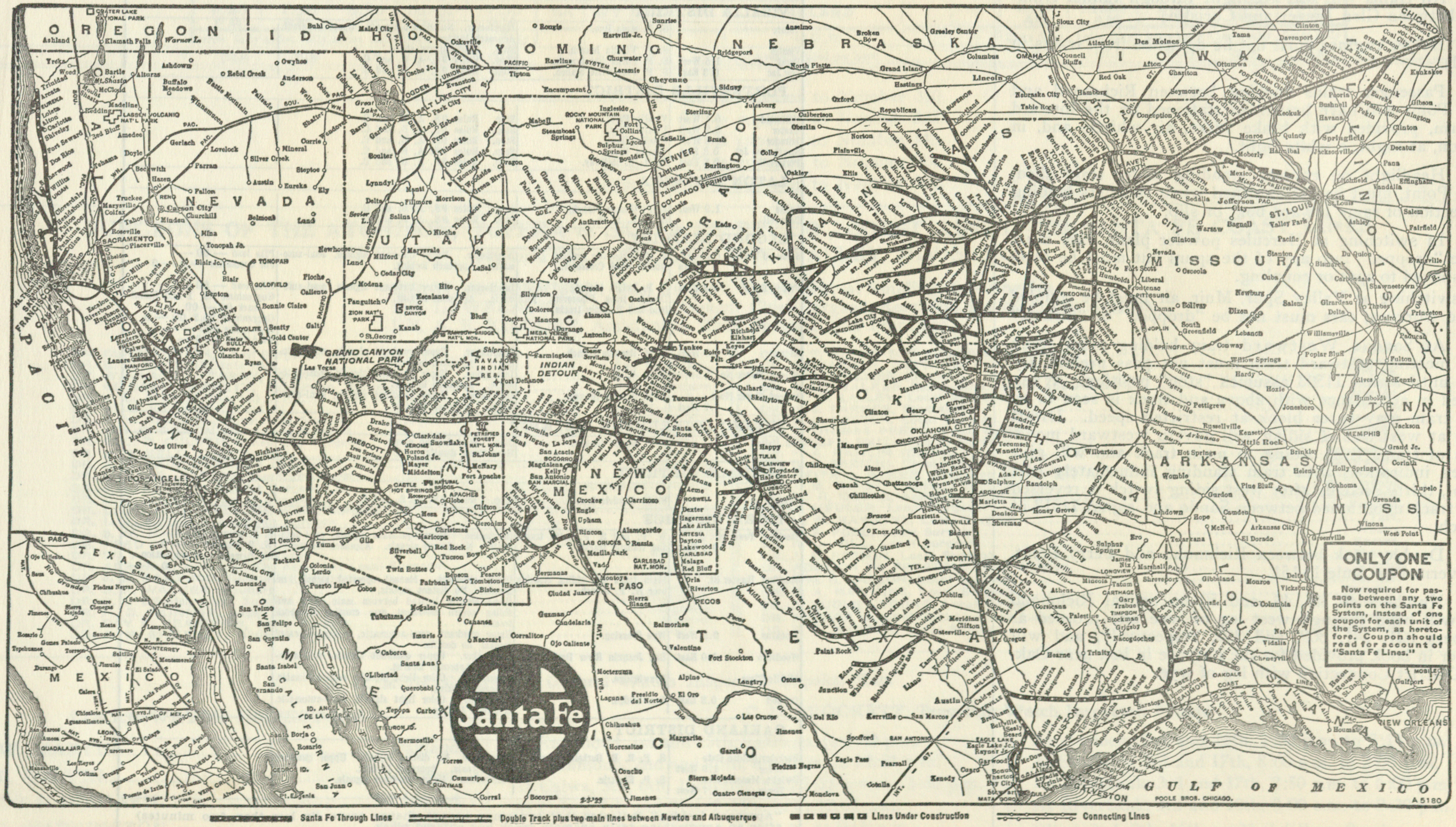
Corcoran for First District
Laton for First District
Cutler for Visalia District
Reedley for Visalia District
Wyeth for Porterville District
Landco for First District
Minkler for Wahtoke District
Calwa for Westward trains from First District
Fresno for Eastward trains
Riverbank for Second and Third District trains
Richmond for Westward Third District trains
Richmond-Oakland District for Third District trains

Railroad Crossings at Grade and Interlockers.

Location	Tracks Governed	Rules	Whistle Signals Additional to Rule 820
FIRST DISTRICT			
Kern Junction	Santa Fe double track connection to and from S. P. double track. Santa Fe main track to Sunset track.	Interlocker. Color light signals, semi-automatic. Approach locking.	Crossover — 0 — 0 Main track to Sunset — 0 — West main to S. P West main — 0
Hanford	S. P. Goshen branch. East end West siding and West end East siding. Ice house track. Stock yard track.	Interlocker. Upper quadrant signals, semi-automatic. Approach locking.	For Corral 000 — For Ice House 00 — 0
Calwa 0.8 East	S. P. main track and entrance to yard.	Interlocker. Upper quadrant signals, semi-automatic. Approach locking.	
VISALIA DISTRICT			
Tulare	S. P. main line.	Interlocker. No distant signals. Upper quadrant. Approach locking.	
Visalia	S. P. Visalia branch.	Stop. Send flagman ahead.	
Peral 1.5 West	S. P. Porterville branch.	Stop. Rules 98, A, B, and C.	
Lac Jac 0.3 East	S. P. Porterville branch.	Stop. Rules 98, A, B, and C.	
PORTERVILLE DISTRICT			
Hillmaid 0.1 West	Visalia Elec.	Stop. Rules 98, A, B, and C.	
Exeter 0.3 West	Visalia Elec.	Stop. Rules 98, A, B, and C.	
Mirador 1.3 West	Visalia Elec.	Stop. Rules 98, A, B, and C.	
Strathmore Jct. 0.3 East	Visalia Elec.	Stop. Rules 98, A, B, and C.	
Porterville 0.8 East	P. N. E. Railway.	Stop. Rules 98, A, B, and C.	
LATON DISTRICT			
Laton 1.9 West	S. P. Goshen branch.	Stop. Rules 98, A, B, and C.	
Cornwell	H. S. L. R. R.	Stop. Rules 98, A, B, and C.	
SECOND DISTRICT			
Sunmaid Tower 0.5 West Calwa	S. P. Porterville branch. Double track Crossover.	Interlocker. Upper quadrant signals, semi-automatic. Approach locking.	Pike lead — 00 — For Crossovers — 0 — 0
Fresno Tower 0.4 East	S. P. Friant branch. Double track Crossovers, yard lead and Industry tracks.	Interlocker. Upper quadrant signals, semi-automatic. Approach locking.	Pike lead — 00 — Guggenhime No. 1 and Corral track 00 — 00 Guggenhime No. 2 00 — 0 Hill tracks 000 — — Yard track — 0 —
Kismet 0.3 West	S. P. Berenda branch.	Interlocker. Upper quadrant signals, semi-automatic. Approach locking.	
Merced, Tower No. 2	Y. V. R. R.	Interlocker. Upper quadrant signals, semi-automatic. Approach locking.	
Merced, Tower No. 1 0.7 West	S. P. Oakdale branch	Interlocker. Upper quadrant signals, semi-automatic. Approach locking.	
FRESNO INTERURBAN DISTRICT			
Los Palmo	S. P. Friant branch.	Stop. Send flagman ahead. Hand throw derails.	
OAKDALE DISTRICT			
Oakdale	S. P. Oakdale branch.	Stop. Rules 98, A, B, and C.	
THIRD DISTRICT			
Stockton, Tower No. 2 0.4 East	W. P. and S. P. main tracks and transfer tracks.	Interlocker. Upper quadrant signals, semi-automatic. No distant signals. Approach locking.	S. P. transfer 000 — W. P. transfer —— 0 W. P. main track connection 0 ——
Stockton, Hunter St.	Main track and siding crossing over W. P. branch.	Upper quadrant. Manual operated signals, no derails. No distant signals. Home signals located between main track and siding govern movement over crossing on both tracks.	
Stockton 0.5 West	Wye Crossing.	Upper quadrant, semi-automatic, Manual operated signals no derails.	
Woodsbro 1.0 East	San Joaquin River Drawbridge.	Interlocker. Upper quadrant signals, semi-automatic. Approach locking.	
Middle River	Drawbridge.	Interlocker. Color light signals, semi-automatic. Approach locking.	
Orwood 0.3 East	Drawbridge.	Interlocker. Color light signals, semi-automatic. Approach locking.	
OAKLAND DISTRICT			
Berkeley, Golden Gate Tower 1.9 West	S. P. R. R. Berkeley branch.	Interlocker. No distant signals. Upper quadrant home signals. Approach locking.	
Dwight, Masonic Ave. Tower 1.7 West	S. P. Electric.	Interlocker. Upper quadrant signals.	

"Approach locking" indicates that towerman cannot change route (in less than two minutes) after an approaching train on main track has entered block.

SANTA FE SAFETY FIRST

"Every employe should report promptly to his foreman, some member of Safety Committee, or other proper person, all unsafe conditions or practices."

(See General Rules E and F, Book of Rules.)